

Mikhail Shevchenko

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

95
citations

1684188
5
h-index

1588992
8
g-index

12
all docs

12
docs citations

12
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Diamond-germanium composite films grown by microwave plasma CVD. Carbon, 2022, 190, 10-21.	10.3	17
2	Temperature stabilization of WC-Co cutting inserts with feedback to IR pyrometer upon growth of multilayer diamond coatings by microwave plasma chemical vapor deposition. Materials Today: Proceedings, 2021, 38, 1495-1501.	1.8	2
3	Epitaxial growth of 3C-SiC film by microwave plasma chemical vapor deposition in H ₂ -CH ₄ -SiH ₄ mixtures: Optical emission spectroscopy study. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2021, 39, 023002.	2.1	5
4	Effect of Substrate Holder Design on Stress and Uniformity of Large-Area Polycrystalline Diamond Films Grown by Microwave Plasma-Assisted CVD. Coatings, 2020, 10, 939.	2.6	21
5	Enhanced deposition rate of polycrystalline CVD diamond at high microwave power densities. Diamond and Related Materials, 2019, 97, 107466.	3.9	22
6	Mathematical modeling of the autowave diffraction process in a cell with a magnetic fluid. Journal of Physics: Conference Series, 2018, 1141, 012058.	0.4	0
7	Growth of heteroepitaxial aluminium nitride films on aluminium oxide substrates via PEALD method. , 2016, , .		0
8	Growing c-axis oriented aluminum nitride films by Plasma-Enhanced Atomic Layer Deposition at low temperatures. Journal of Crystal Growth, 2016, 455, 157-160.	1.5	16
9	Growth of aluminum nitride films by plasma-enhanced atomic layer deposition. Inorganic Materials, 2015, 51, 728-735.	0.8	5
10	Diamond-Like Carbon Film Deposition Using DC Ion Source with Cold Hollow Cathode. Advances in Materials Science and Engineering, 2014, 2014, 1-6.	1.8	6
11	Synthesis and modeling of influence of precipitation conditions on growth speed, composition and structure of amorphous hydrogenised carbon films. , 2012, , .		0